

# Navigating the Permitting of Stormwater Management Environmental Site Design to the Maximum Extent Practicable (ESD)

In conjunction with a Single Family Dwelling Building Permit

PAGE #1

ONE WAY

It is a given that any construction of a Single Family Dwelling will involve an earth disturbance of at least 5,000 square feet, thereby triggering the need for a Minor Grading Permit and compliance to SWM-ESD requirements.

If all of the conditions and limitations are met you may qualify for using Standard Plan Agreements for Erosion & Sediment Control and Stormwater Management in lieu of formally submitted engineered plans, cost estimates, securities and performance agreements.

## ⚠ WARNING

There are many Conditions and Limitations that regulate if Standard Plan Agreements may be used. Please read and complete the applications truthfully and accurately as possible. Purposely providing erroneous information in order to usurp the ordinance may result in delay, stop work and/or penalties. The following are the most common disqualifiers.

## ⚠ WARNING

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TRUE

The Total Disturbed Area will be Less Than 30,000 Square Feet.  
[Length x Width]

AND

TRUE

The Total Quantity of Cut/Fill will be Less Than 500 Cubic Yards.  
[Length x Width x Depth / 27]

AND

TRUE

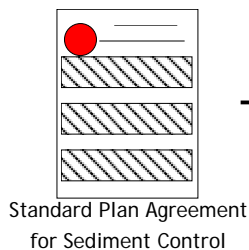
The Total Amount of Impervious Area to be created will be no more than 15% of the lot size.

FALSE

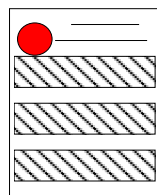
FALSE

FALSE

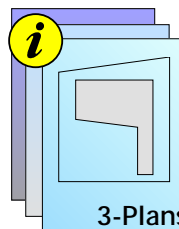
GO TO PAGE #3



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\$ 241.00

Standard Plan Agreement  
for Sediment Control

Standard Plan Agreement  
for Stormwater Management

3-Plans

<http://www.frederickcountymd.gov/DocumentCenter/Home/View/1008>



See the "SUBMISSION REQUIREMENTS" at the above web-site for a list of information to be included on your plot plan. In addition:

Include the micro-stormwater management practice(s) (ESD) that's proposed to offset for the increased impervious area. (See MD SWM Design Manual Chapter 5.0) It is advised that you consult a professional for design assistance.

Continued on PAGE #2

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PAGE #2

Your Approved Plans contain any of the following ESD practices ONLY:

- ☐ Rooftop Disconnection [N-1]
- ☐ Non-Rooftop Disconnection [N-2]
- ☐ Sheetflow to Established Conservation Area [N-3]
- ☐ Infiltration Berms [M-4]
- ☐ Swales [M-8]
- ☐ Enhanced Filters [M-9]

-OR-

The building lot is located within a development that has regional SWM approved prior to May 4, 2010

-OR-

The building lot is located within a development that has addressed ESD, but none are required on this lot.

TRUE

TRUE

TRUE

FALSE

The ESD Portion of the permit is complete. The Development Review Engineering Reviewer will add their approval to the Building Permit.

**WARNING**

Don't forget to follow the inspection, verification and as-built requirements associated with each micro-stormwater management practice. These will all have to be satisfactorily addressed prior to the U&O.

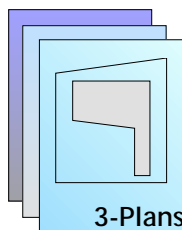
**WARNING**

Your Approved Plans contain any one (1) or more of the following ESD practices:

- ☐ Sheetflow to Unestablished Conservation Area [N-3]
- ☐ Rainwater Cisterns or Barrels [M-1]
- ☐ Landscape Infiltration [M-3]
- ☐ Dry Wells [M-5]
- ☐ Micro-Bioretenction [M-6]
- ☐ Rain Gardens [M-7]

Complete and submit the following documents:

**\$ 495.00**



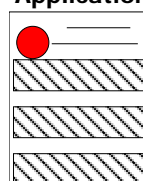
3-Plans

ESD Inspection & Maintenance Agreement



ESD Inspection & Maintenance Agrmt

ESD Application



ESD Application

<http://www.frederickcountymd.gov/DocumentCenter/View/281326>

# Navigating the Permitting of Stormwater Management Environmental Site Design to the Maximum Extent Practicable (ESD)

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PAGE #3

Your answers to several qualifying questions from Page #1 has determined that your proposed building project does not qualify for use of one or both of the Standard Plan Agreements. Please proceed in the following outlined manner:

